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### CORNELL NOTETAKING

#### Key Words

- Use wheel for transportation .
- Improve the pottery making process.
- Produce large amount of copper and use to make tools and weapon.
- Irrigate fields.
- Study the stars.
- Develop engineering skills
- Develop an efficient numbering system.

#### Main Ideas/Supporting Ideas

- used in Mesopotamia c. 3250
- possible first used to create pottery.
- used for easier movement of items like ploughs, carts, war chariots.
- used animals like donkey, oxen to pull.
- used kiln: oven that is enclosed used to make bricks + pottery
- kiln can reach high temp.
- high temp. allows brick + pottery to become more tough + hard vs sun dried bricks.
- stronger tools created by mixing copper + tin to make bronze
- improved tools strength allow for making superior boats, land transportation (size, strength)
- allow to trade with faraway places (India)
- first carried water from rivers to fields.
- later dug channels of water from the river to flow to their fields.
- Sumerian priests calculated the best time for farming.
- created calendar with two seasons
- based on phases of the moon they made the 12 months of 30 days.\
- used knowledge of math to create tall temples and complicated canals, dikes and ditches.
- created a number system based on 60.
- the system is still used today for measuring time and angles.
- developed a system that separated the symbol of the item from the amount.
- five barrels oil represented symbols
- especially helpful when dealing with large quantities

#### Connections and Reflections (Summary)

This is about Sumerians and what they used in the past. Inventions they made were the wheel used for transportation they also invented the number system some of their inventions are still used today. They created these inventions to help them survive over the years.